

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102020\
 Data File : VN064209.D
 Acq On : 20 Oct 2020 20:39
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 21 05:38:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 20 11:51:57 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	89	0.00
2 M	Dichlorodifluoromethane	2.058	2.097	-1.9	94	0.00
3 M	Chloromethane	2.109	2.057	2.5	92	0.00
4 M	Vinyl Chloride	2.075	1.950	6.0	88	0.00
5 M	Bromomethane	1.241	1.230	0.9	96	0.00
6 M	Chloroethane	1.209	1.146	5.2	90	0.00
7 M	Trichlorofluoromethane	3.331	3.219	3.4	88	0.00
8 T	Diethyl Ether	1.131	1.093	3.4	95	0.00
9	1,1,2-Trichlorotrifluoroeth	1.758	1.591	9.5	86	0.00
10 M	1,1-Dichloroethene	1.712	1.602	6.4	92	0.00
11	Methyl Iodide	2.467	2.232	9.5	92	0.00
12	Methyl Acetate	1.804	1.715	4.9	96	0.00
13 M	Acrolein	0.197	0.194	1.5	115	0.00
14 M	Acrylonitrile	0.727	0.685	5.8	96	0.00
15 M	Acetone	0.196	0.183	6.6	99	0.00
16 M	Carbon Disulfide	4.895	4.477	8.5	89	0.00
17	Allyl chloride	3.183	2.885	9.4	90	0.00
18 M	Methylene Chloride	1.958	1.866	4.7	97	0.00
19 M	trans-1,2-Dichloroethene	1.847	1.667	9.7	89	0.00
20 T	Diisopropyl ether	5.882	5.504	6.4	92	0.00
21 M	1,1-Dichloroethane	3.591	3.445	4.1	94	0.00
22 M	cis-1,2-Dichloroethene	2.159	1.936	10.3	88	0.00
23 M	tert-Butyl Alcohol	0.336	0.331	1.5	105	0.01
24 M	Methyl tert-Butyl Ether	5.657	5.295	6.4	92	0.00
25 M	Chloroform	3.731	3.476	6.8	92	0.00
26	Cyclohexane	2.847	2.600	8.7	92	0.00
27 s	1,2-Dichloroethane-d4	2.456	2.688	-9.4	93	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
29	1,1-Dichloropropene	0.498	0.459	7.8	87	0.00
30 M	2-Butanone	0.205	0.198	3.4	98	0.00
31	2,2-Dichloropropane	0.633	0.530	16.3	80	0.00
32 M	1,1,1-Trichloroethane	0.635	0.603	5.0	92	0.00
33 M	Carbon Tetrachloride	0.579	0.558	3.6	93	0.00
34 M	Benzene	1.387	1.295	6.6	92	0.00
35	Methacrylonitrile	0.225	0.221	1.8	101	0.00
36 M	1,2-Dichloroethane	0.561	0.556	0.9	97	0.00
37 M	Trichloroethene	0.382	0.349	8.6	90	0.00
38	Methylcyclohexane	0.477	0.427	10.5	89	0.00
39 M	1,2-Dichloropropane	0.370	0.349	5.7	92	0.00
40	Dibromomethane	0.258	0.244	5.4	94	0.00
41 M	Bromodichloromethane	0.558	0.543	2.7	96	0.00
42 M	Vinyl Acetate	0.975	0.918	5.8	93	0.00
43	Ethyl Acetate	0.449	0.443	1.3	99	0.00
44	Isopropyl Acetate	0.861	0.830	3.6	95	0.00
45 T	1,4-Dioxane	0.005	0.005#	0.0	103	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.409	0.399	2.4	95	0.00
47	n-amyl Acetate	0.764	0.706	7.6	96	0.00
48 M	t-1,3-Dichloropropene	0.629	0.580	7.8	91	0.00
49 T	cis-1,3-Dichloropropene	0.650	0.583	10.3	90	0.00
50 M	1,1,2-Trichloroethane	0.345	0.318	7.8	90	0.00
51	Ethyl methacrylate	0.546	0.497	9.0	91	0.00
52	1,3-Dichloropropane	0.595	0.558	6.2	93	0.00
53 M	Dibromochloromethane	0.434	0.403	7.1	92	0.00
54 M	1,2-Dibromoethane	0.367	0.339	7.6	91	0.00
55 M	2-Chloroethyl vinyl ether	0.268	0.264	1.5	93	0.00
56 M	Bromoform	0.303	0.265	12.5	88	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	0.508	0.477	6.1	97	0.00
59 M	2-Hexanone	0.377	0.344	8.8	95	0.00
60 S	4-Bromofluorobenzene	0.538	0.522	3.0	85	0.00
61 M	Tetrachloroethene	0.404	0.372	7.9	94	0.00
62 M	Toluene	1.715	1.535	10.5	91	0.00
63 S	Toluene-d8	1.358	1.343	1.1	87	0.00
64 M	Chlorobenzene	1.068	0.951	11.0	90	0.00
65	1,1,1,2-Tetrachloroethane	0.418	0.387	7.4	95	0.00
66 M	Ethyl Benzene	1.972	1.765	10.5	90	0.00
67 M	m/p-Xylenes	0.733	0.652	11.1	91	0.00
68 M	o-Xylene	0.712	0.637	10.5	94	0.00
69 M	Styrene	1.204	1.063	11.7	92	0.00
70	Isopropylbenzene	1.879	1.721	8.4	93	0.00
71 M	1,1,2,2-Tetrachloroethane	0.515	0.464	9.9	93	0.00
72	1,2,3-Trichloropropane	0.537	0.503	6.3	99	0.00
73	Bromobenzene	0.453	0.408	9.9	90	0.00
74	n-propylbenzene	2.145	1.880	12.4	90	0.00
75	2-Chlorotoluene	1.328	1.198	9.8	93	0.00
76	1,3,5-Trimethylbenzene	1.599	1.410	11.8	91	0.00
77	t-1,4-Dichloro-2-butene	0.210	0.173	17.6	86	0.00
78	4-Chlorotoluene	1.389	1.221	12.1	92	0.00
79	tert-butylbenzene	1.307	1.169	10.6	91	0.00
80	1,2,4-Trimethylbenzene	1.623	1.429	12.0	89	0.00
81	sec-Butylbenzene	1.701	1.472	13.5	88	0.00
82	p-Isopropyltoluene	1.574	1.368	13.1	89	0.00
83 M	1,3-Dichlorobenzene	0.812	0.697	14.2	90	0.00
84 M	1,4-Dichlorobenzene	0.813	0.703	13.5	89	0.00
85	n-Butylbenzene	1.398	1.169	16.4	87	0.00
86 T	Hexachloroethane	0.271	0.238	12.2	90	0.00
87 M	1,2-Dichlorobenzene	0.792	0.690	12.9	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.130	0.115	11.5	95	0.00
89	1,2,4-Trichlorobenzene	0.476	0.402	15.5	86	0.00
90	Hexachlorobutadiene	0.241	0.199	17.4	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.442	1.238	14.1	91	0.00
92	1,2,3-Trichlorobenzene	0.455	0.398	12.5	91	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0